WHAT IS CLAIMED IS:

1. A fuel cell unit comprising:

a fuel cell;

a sensing unit configured to sense an abnormal

state of the fuel cell; and

a display unit configured to notify a user of the

abnormal state when the sensing unit has sensed the

abnormal state.

2. The fuel cell unit according to claim 1,

further comprising:

a connection detecting unit configured to detect a

presence or absence of a connection with an electronic

apparatus operable using electric power supplied from

the fuel cell, wherein

the display unit notifies the user of the abnormal

state, when the connection detecting unit has detected

a connection with the electronic apparatus and the

sensing unit has sensed the abnormal state.

3. The fuel cell unit according to claim 2,

further comprising a notifying unit configured to

notify the electronic apparatus that the abnormal state

has been sensed, when the sensing unit has sensed the

abnormal state.

4. The fuel cell unit according to claim 1,

wherein the sensing unit senses whether or not

an inclination of the fuel cell unit has exceeded

a predetermined angle, and the display unit notifies

the user that the inclination has exceeded the
predetermined angle when the sensing unit determines
that the inclination of the fuel cell unit has exceeded
the predetermined angle.

5   5.   The fuel cell unit according to claim 1,
wherein the sensing unit determines whether or not
a temperature at an activation of the fuel cell falls
in a predetermined temperature range, and the display
unit notifies the user that the temperature does not

10   fall in the predetermined temperature range when
the sensing unit determines that the temperature at
the activation of the fuel cell does not fall in the
predetermined temperature range.

        6.   The fuel cell unit according to claim 1,

15   wherein the sensing unit determines whether or not
a temperature during an operation of the fuel cell
falls in a predetermined temperature range, and the
display unit notifies the user that the temperature
does not fall in the predetermined temperature range

20   when the sensing unit determines that the temperature
during the operation of the fuel cell does not fall in
the predetermined temperature range.

        7.   The fuel cell unit according to claim 1,
wherein the fuel cell has a power generating portion

25   and an auxiliary mechanism for supplying fuel to the
power generating portion, and
        the sensing unit senses whether or not

the auxiliary mechanism has stopped, and the display unit notifies the user that the auxiliary mechanism has stopped when the sensing unit determines that the auxiliary mechanism has stopped.

8. The fuel cell unit according to claim 1, wherein the fuel cell has a mixing tank for mixing fuel used for power generation with water, and

the sensing unit senses whether or not an amount of liquid in the mixing tank falls in a predetermined capacity range, and the display unit notifies the user that the amount of liquid does not fall in the predetermined capacity range when the sensing unit determines that the amount of liquid in the mixing tank does not fall in the predetermined capacity range for a predetermined time or longer continuously.

9. The fuel cell unit according to claim 1, further comprising:

a fuel tank installing portion which allows a fuel tank for storing fuel used for power generation in the fuel cell to be installed and removed, wherein

the sensing unit senses whether or not the fuel tank has been installed in the fuel tank installing portion, and the display unit notifies the user that the fuel tank has not been installed in the fuel tank installing portion when the sensing unit determines that the fuel tank has not been installed in the fuel tank installing portion.

10. The fuel cell unit according to claim 1, further comprising:

a fuel tank for storing fuel for the fuel cell, wherein

the sensing unit senses whether or not a remaining amount of fuel in the fuel tank has fallen below a predetermined value, and the display unit notifies the user that the remaining amount has fallen below the predetermined value when the sensing unit determines that the remaining amount of fuel in the fuel tank has fallen below the predetermined value.

11. A state display control method for a fuel cell unit with a fuel cell, comprising:

detecting a presence or absence of a connection with an electronic apparatus operable using electric power supplied from the fuel cell;

determining a state of the operation of the fuel cell unit; and

displaying an operating state of the fuel cell unit on the basis of the determination, when the connection with the electronic apparatus has been detected.

12. A state display control method for a fuel cell unit with a fuel cell, comprising:

detecting a presence or absence of a connection with an electronic apparatus operable using electric power supplied from the fuel cell;

detecting an abnormal state of the fuel cell unit when the connection with the electronic apparatus has been detected; and

notifying a user of the abnormal state of the fuel cell unit by use of a display unit provided in the fuel cell unit, when the abnormal state has been detected.

13. A state display control method for a fuel cell unit with a fuel cell and an electronic apparatus operable using electric power supplied from the fuel cell unit, the method comprising:

determining an operating state of the fuel cell unit;

notifying a user of the occurrence of a first abnormality by use of a display unit provided in the fuel cell unit when the determination is shown that the first abnormality has occurred; and

notifying the occurrence of a second abnormality to the electronic apparatus when the determination is shown that the second abnormality has occurred.

14. The state display control method according to claim 13, further comprising:

notifying a user of the occurrence of the second abnormality by use of a display portion provided in the electronic apparatus when the electronic apparatus receives the notification of the occurrence of the second abnormality.